



10567415 - GAU: 1795

PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/567,415
Filing Date	February 6, 2006
First Named Inventor	Andelman, Marc D. et al.
Art Unit	1795
Examiner Name	/Zulmariam Mendez/
Attorney Docket Number	0652-015US2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,001,598	01-04-1977	Johannessen	
		US- 4,093,943	06-06-1978	Knight, Webster B.	
		US- 4,180,744	12-25-1979	Helwig, Jr., William F.	
		US- 4,894,764	01-16-1990	Meyer, John F. et al.	
		US- 5,070,440	12-03-1991	Walker, Loren H.	
		US- 5,119,014	06-02-1992	Kronberg, James W.	
		US- 5,192,432	03-09-1993	Andelman, Marc D.	
		US- 5,196,115	03-23-1993	Andelman, Marc D.	
		US- 5,200,068	04-06-1993	Andelman, Marc D.	
		US- 5,360,540	11-01-1994	Andelman, Marc D.	
		US- 5,362,576	11-08-1994	Clark, Thomas et al.	
		US- 5,376,253	12-27-1994	Rychen, et al.	
		US- 5,415,768	05-16-1995	Andelman, Marc D.	
		US- 5,461,264	10-24-1995	Yang, Tai-Her et al.	
		US- 5,483,643	01-09-1996	Sato, Yuichi	
		US- 5,506,456	04-09-1996	Yang, Tai-Her et al.	
		US- 5,514,480	05-07-1996	Takagi, Katumi et al.	
		US- 5,538,611	07-23-1996	Otowa, Toshiro	
		US- 5,585,758	12-17-1996	Prines, Frank J. et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO 93/13844 A1	07-22-1993	Andelman, Marc D.		
		WO 94/26669 A1	11-24-1994	Otowa, Toshiro		
		WO 95/21674 A1	08-17-1995	Kansai Netsukagaku et al.		
		WO 97/13568 A1	04-17-1997	Andelman, Marc D.		
		WO 00/14304 A1	03-16-2000	Andelman, Marc D.		
		WO 01/09907 A1	02-28-2001	Andelman, Marc D.		

Examiner Signature	/Zulmariam Mendez/	Date Considered	12/18/2009
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Sheet 2 of 4

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Application Number	10/567,415
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		Number-Kind Code ² (if known)			
		US- 5,620,597	04-15-1997	Andelman, Marc D.	
		US- 5,650,240	07-22-1997	Rogers, Howard H.	
		US- 5,710,504	01-20-1998	Pascual, Cesar et al.	
		US- 5,748,437	05-05-1998	Andelman, Marc D.	
		US- 5,757,163	05-26-1998	Brotto, Daniele C. et al.	
		US- 5,779,891	07-14-1998	Andelman, Marc D.	
		US- 5,952,735	09-14-1999	Johannessen, Paul R.	
		US- 5,955,868	09-21-1999	Kaite, Osamu et al.	
		US- 5,969,435	10-19-1999	Wilhelm, William George	
		US- 6,011,329	01-04-2000	McGovern, Patrick T.	
		US- 6,087,035	07-11-2000	Rogers, Howard H. et al.	
		US- 6,127,474	10-03-2000	Andelman, Marc D.	
		US- 6,140,799	10-31-2000	Thomasson, Mark J.	
		US- 6,157,867	12-05-2000	Hwang, Yuan-Ko et al.	
		US- 6,239,510	05-29-2001	Azimi, Kouroos et al.	
		US- 6,325,907	12-04-2001	Andelman, Marc D.	
		US- 6,326,768	12-04-2001	Nagai, Tamiji, et al.	
		US- 6,385,057	05-07-2002	Barron, Stuart	
		US- 6,413,409	07-02-2002	Otowa, Toshiro	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ "Number" ⁴ "Kind Code ⁵ (if known)				
		WO 01/13389 A1	02-21-2001	Andelman, Marc D.		
		WO 01/66217 A1	09-13-2001	Andelman, Marc D.		
		WO 01/95410 A1	12-13-2001	Andelman, Marc D.		
		WO 02/29836 A1	04-11-2002	Andelman, Marc D.		
		WO 03/09920 A1	02-06-2003	Bisource, Inc.		
		WO 05/015584 A2	02-17-2005	Biosource, Inc.		

Examiner
Signature

/Zulmariam Mendez/

Date

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12/18/2009

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		Number-Kind Code ² (if known)			
		US- 6,444,159	09-03-2002	Petre, Patrick	
		US- 6,628,505	09-30-2003	Andelman, Marc D.	
		US- 6,685,334	02-03-2004	Kenny, Thomas A. et al.	
		US- 6,709,560	03-23-2004	Andelman, Marc D. et al.	
		US- 6,750,631	06-15-2004	Perelle, Michel	
		US- 6,766,222	07-20-2004	Duley, Raymond	
		US- 6,778,378	07-17-2004	Andelman, Marc D.	
		US- 6,781,817	08-24-2004	Andelman, Marc D.	
		US- RE 29560	02-28-1978	Frank, Kjell et al.	
		US- 2003/0098266 A1	05-29-2003	Shue et al.	
		US- 2004/0121204 A1	06-24-2004	Andelman, Marc D., et al.	
		US- 2004/0130851 A1	07-08-2004	Faris	
		US- 2005/0079409 A1	04-14-2005	Andelman, Marc D. et al.	
		US-			
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		Examiner Name	/Zulmariam Mendez/
Sheet 4 of 4	Attorney Docket Number	0652-015US2	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	BLANCHARD, Eugene. 'H-bridge using P and N channel FETs'. In Armory Information Resources, The Armory.com, Santa Cruz, CA [retrieved on 2004-08-06]. Retrieved from	
		the Internet: <URL: www.armory.com/~rstevew/Public/Motors/H-Bridges/Blanchard/h-bridge.htm >.	
	2	SATA, Toshikatsu, Ion Exchange Membranes: Preparation, Characterization, Modification, and Application, (Royal Society of Chemistry, July 13, 2004)	

Examiner Signature	/Zulmariam Mendez/	Date Considered	12/18/2009
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